

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method for sanitizing perishable goods, comprising:  
mixing the goods with a sanitizing agent for a suitable time followed by separating the agent in an enclosed conduit.
2. The method of Claim 1, wherein the agent comprises ozone and water.
3. The method of Claim 2, wherein the percent of ozone in water is about equal to or less than 16%.
4. The method of Claim 1, further comprising compressing the goods to separate the sanitizing agent from the goods.
5. The method of Claim 1, further comprising mixing the goods after exposure to the sanitizing agent with a neutralizing agent.
6. The method of Claim 5, wherein the neutralizing agent comprises chlorine dioxide and water.
7. The method of Claim 5, further comprising a step of separating the neutralizing agent.
8. The method of Claim 7, further comprising compressing the goods to separate the neutralizing agent.
9. The method of Claim 1, further comprising mixing the goods after exposure to the sanitizing agent with an antioxidant agent.
10. The method of Claim 9, wherein the antioxidant agent comprises citric or citrus acids or esters.
11. A sanitizing apparatus for goods comprising:  
means for mixing a good with a sanitizing agent; and  
means for separating the agent from the goods.

12. The apparatus of Claim 11, wherein the apparatus includes a mixing chamber having paddles disposed on a rotating shaft, wherein paddles are spaced to separate the sanitizing fluid from the goods.

13. The apparatus of Claim 11, wherein the apparatus includes a screw of increasing cylinder diameter for separating the sanitizing fluid.

14. The apparatus of Claim 11, further comprising means for mixing the goods with a neutralizing agent and means for separating the agent from the goods.

15. The apparatus of Claim 14, further comprising a mixing chamber having paddles disposed on a rotating shaft, wherein paddles are spaced apart to separate the neutralizing agent from the goods.

16. The apparatus of Claim 14, wherein the apparatus includes a screw of increasing cylinder diameter for separating the neutralizing fluid.

17. The apparatus of Claim 14, further comprising means for mixing the goods with an antioxidant and means for separating the antioxidant from the goods.

18. The apparatus of Claim 17, further comprising a mixing chamber having paddles disposed on a rotating shaft, wherein paddles are spaced to separate an antioxidant fluid from the goods.

19. The apparatus of Claim 17, wherein the apparatus includes a screw of increasing cylinder diameter for separating the antioxidant fluid.

20. The apparatus of Claim 14, further comprising a construction.

21. A sanitizing apparatus for goods, comprising:  
means for mixing a good with a sanitizing agent; and  
means for mixing a good with a neutralizing agent.